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to be presented to the Historical Society of Pennsylvania, and also to the Right Rev. Alonzo Potter; and that the Bulletin be hereafter regularly sent to the Historical Society.

Stated Meeting, May 1.

Present, seventeen members.

Dr. PATTERSON, Vice-President, in the Chair.

Letters were received and read:—

From the Royal Institution of London, dated February 23, 1846:—

From the Botanical Society of London, dated London, March, 1846, acknowledging the reception of Nos. 32 and 33 of the Bulletin of the Society:—

From the Horticultural Society of London, dated March 3, 1846:—

From the Geological Society of London, dated Feb. 26, 1846:—

From the Royal Asiatic Society of London, dated Feb. 21, 1846, acknowledging the reception of Vol. IX, Part 2, of the Transactions of this Society, and of Nos. 32 and 33 of the Proceedings:—

From the Académie Royale des Sciences of Stockholm, dated Nov. 1, 1845, acknowledging the reception of Vol. IX, Part 1, of the Transactions, and of Nos. 21, 22, and Nos. 28 to 31 of the Proceedings of this Society, and of Dr. Dunglison's Eulogy on P. S. Duponceau, Esq. Also informing the Society that it had transmitted certain donations for the Library:—

From the Corporation of the University of Cambridge, Mass., dated March 11 and 24, acknowledging the reception of the Proceedings, No. 34, and of Vol. IX, Part 2, of the Transactions:—

From Sir James Clark, dated London, April 2, 1846: from Dr. Holland, dated April 3, 1846: and from Dr. J. H. Rogers,

dated Philadelphia, May 1, 1846, returning their acknowledgments for being made members of the Society:—and

From the Franklin Institute, dated April 11, 1846, replying to a communication from this Society, in relation to the proposal of the Academy of Arts and Sciences, to unite with this Society and the Franklin Institute in a Memorial to the Government, asking an extension of Meteorological Observations, and stating that the Franklin Institute had appointed a Committee to act thereon.

Mr. Lewis Waln, a newly elected member, was introduced, and took his seat.

The following donations were announced:—

FOR THE LIBRARY.

Kongl. Vetenskaps-Akademiens Handlingar, för år 1843. Stockholm, 1844. 8vo.—*From the Royal Academy of Sciences of Stockholm.*

Årsberättelse om Framstegen i Kemi och Mineralogi afgifven den 31 Mars, 1845; af Jac. Berzelius, K. V. Akad. Sek. Stockholm, 1845. 8vo.—*From the same.*

Årsberättelse om Zoologiens Framsteg under åren 1840-1842 till Kongl. Vetenskaps-Akademien afgifven af Zoologiæ Intendenterna vid Rikets Naturhistoriska Museum. Första Delen (Anim. Vertebrata) af C. J. Sundevall. Stockholm, 1844. 8vo.—*From the same.*

Årsberättelse om Zoologiens Framsteg under åren 1843 och 1844 till Kongl. Vetenskaps-Akademien afgifven af Zoologiæ Intendenterna vid Rikets Naturhistoriska Museum. Andra Delen (Insecta, Linn.) af C. H. Boheman. Stockholm, 1845. 8vo.—*From the same.*

Års-Berättelser om Botaniska Arbeten och Upptäckter för åren 1839, 1840, 1841 och 1842, till Kongl. Vetenskaps-Akademien afgifna den 31 Mars åren 1839, 1840, 1841 och 1842. Af Joh. Em. Wikström. Stockholm, 1844. 8vo.—*From the same.*

Ofversigt af Kongl. Vetenskaps-Akademiens Förhandlingar. Första Årgången.

1844, Nos. 8 to 10, inclusive.

1845, Nos. 1 to 7, inclusive. 8vo.—*From the same.*

Memoirs of the Royal Astronomical Society. Vol. XV. With four copperplates. London, 1846. 4to.—*From the Society.*

Monthly Notices of the Royal Astronomical Society. Vol. VII. January 9, 1846. No. 3. 8vo.—*From the same.*

Proceedings of the Boston Society of Natural History, January 21, February 18, 1846. 8vo.—*From the Society.*

Proceedings of the Historical Society of Pennsylvania. Vol. I. March, 1846. No. 5. 8vo.—This number contains the Journal of Isaac Senter, physician and surgeon to the troops detached from the American army encamped at Cambridge, Massachusetts, on a secret expedition against Quebec, under the command of Col. Benedict Arnold, in September, 1775.—*From the Society.*

Proceedings of the Providence Franklin Society. Vol. I. April, 1846. No. 1. 8vo.—*From the Society.*

Catalogue of the New York State Library, January 1, 1846.—*From the Trustees.*

Fifty-ninth Annual Report of the Regents of the University of the State of New York, made to the Legislature, March 1, 1846. 8vo. *From the Regents.*

The African Repository and Colonial Journal. Vol. XXII. May, 1846. No. 5. 8vo.—*From the American Colonization Society.*

Journal of the Franklin Institute of the State of Pennsylvania. Third Series. Vol. XI. April, 1846. No. 4. 8vo.—*From Dr. Patterson.*

An Account of the Portage Rail Road over the Alleghany Mountain, in Pennsylvania. By S. W. Roberts, Principal Assistant Engineer thereon. Philadelphia, 1836. 12mo.—*From the Author.*

Prof. Frazer, on the part of the Committee to whom the communication of Major J. D. Graham, read at the last meeting, was referred, recommended the publication of the same in the Transactions of the Society, which was so ordered.

Dr. Bache reported the death of Prof. T. W. Bessel, of the University of Königsberg, a member of this Society.

Prof. Frazer referred to the principal labours of Prof. Bessel, and moved that Prof. Kendall be requested to prepare a notice of his contributions to science.

Mr. C. O. Boutelle presented to the Society, through Dr. Patterson, a work by him, entitled "Tables of Bearings, Distances, Latitudes, and Longitudes, ascertained by the Astronomical and Trigonometrical Survey of Massachusetts." Dr. Patterson made some observations on this survey of Massa-

chusetts by Messrs. Paine and Borden, a portion of whose labours are contained in the Transactions of this Society. The work of Mr. Boutelle gives the more detailed results of the same undertaking.

Dr. Patterson informed the Society, that the recent solar eclipse was observed at the High School Observatory, by Prof. Kendall and himself. The following note gives the results of their observations:

May 1*st*, 1846.

Dear Sir,—The observations of the Solar Eclipse of April 24th, and 25th, 1846, made at the High School Observatory, are as follows, in mean time of the Observatory:

Beginning	24*d*	22*h*	46*m*	40*s*.3,	observed by	Dr. Patterson.
„	„	„	„	37.3,	„	E. O. Kendall.
„	24	22	46	38.8,	mean.	

The power used by yourself with the Plössl was, I think, about 50; and that used with the equatorial was 85.

Very respectfully, yours,
E. OTIS KENDALL.

Dr. R. M. Patterson.

Stated Meeting, May 15.

Present, twenty-one members.

Dr. Chapman, President, in the Chair.

No correspondence was announced.

The following donations were announced:—

FOR THE LIBRARY.

The American Journal of Science and Arts. Conducted by Prof. Silliman, B. Silliman, Jr., and James D. Dana. Second Series. No. 3. May, 1846. 8vo.—*From the Editors.*

A Synopsis of the Fishes of North America. By David Humphreys Storer, M.D. Cambridge (Mass.), 1846. 4to.—*From the Author.*

Tables of Bearings, Distances, Latitudes, Longitudes, &c., ascer-